

Date: Tue, 20 Jul 93 04:30:02 PDT  
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>  
Errors-To: Packet-Radio-Errors@UCSD.Edu  
Reply-To: Packet-Radio@UCSD.Edu  
Precedence: Bulk  
Subject: Packet-Radio Digest V93 #212  
To: packet-radio

Packet-Radio Digest                      Tue, 20 Jul 93                      Volume 93 : Issue    212

Today's Topics:

                    AMSAT OSCAR-17 STATUS  
                    Email to PRUG.or.jp is available.  
                    Emergency Communications via packet  
                                    FAQ  
                    network time for PC's, KA9Q, WWV receivers (2 msgs)  
                                    Packet on HT's  
                                    Subscribe  
                    What equipment to tune up a Ramsey 146?

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>  
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 20 Jul 1993 03:15:33 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-  
state.edu!uwm.edu!linac!att!cbnewse!bodmer@network.ucsd.edu  
Subject: AMSAT OSCAR-17 STATUS  
To: packet-radio@ucsd.edu

Does anyone know what the status of AMSAT OSCAR 17, aka DOVE  
is? The information I have indicates that it can be heard  
on 145.825 MHz without special equipment other than a 2-meter  
ground plane antenna and a AX.25 compatible TNC.

The Track-21 software that I am using indicated a pass over  
my area (Chicago) on July 19th at 04:41 UTC. I was unable to  
hear the satellite on 145.825.

Pete Bodmer  
AT&T Bell Laboratories  
bodmer@ihbhk.att.com

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Date: 19 Jul 93 14:35:29 GMT  
From: olivea!korie!sh.wide!wnoc-tyo-news!glocom!tyo-noc-news!jh1ynw!morphegw!  
jf1l1zq@ames.arpa  
Subject: Email to PRUG.or.jp is available.  
To: packet-radio@ucsd.edu

We re-aranged our network and international Email communication  
for prug.or.jp has been available again.

Yutaka Sakurai / JF1LZQ  
Packet Radio User's Group  
Yokohama Japan  
Also ysakurai@cisco.com

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Date: Mon, 19 Jul 1993 15:54:42 GMT  
From: sytex!jim@uunet.uu.net  
Subject: Emergency Communications via packet  
To: packet-radio@ucsd.edu

I am interested to convey a sense of what can be done using  
packet radio in emergency and disaster situations to people  
in the Office of Foreign Disaster Assistance.

Often this office is called upon to assist in disasters in  
countries where there is not good TC infrastructure to begin  
with, and it seems to me that packet radio could and should  
play an important role in such situations.

Anybody got any stories? local, domestic, or foreign? Any  
pointers to where I can ask more?

And one other thing. Anybody have any experience linking  
packet radio network systems to dial-up networks like  
Fidonet technology systems?

Will sure appreciate this community's responses.

jim

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jim@sytex.com (Jim Arnold)  
Access <=> Internet BBS, a public access internet site  
Sytex Communications, Arlington VA, 1-703-528-4380  
-- Internet Access for the rest of us...

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Date: 20 Jul 93 04:38:50 GMT  
From: pitt.edu!dsinc!ub!galileo.cc.rochester.edu!uhura.cc.rochester.edu!  
lchd\_ss@uunet.uu.net  
Subject: FAQ  
To: packet-radio@ucsd.edu

can someone tell me if this is the group to inquire about ka9q questions?  
where can I get the faq for this group.  
I would like to get information about setting a SLIP using ka9q.  
can someone tell me wheer I can get this information?  
The only docs I have are the tutorial docs that came with the ka9q packages.  
Thanks  
..  
Ling cherd

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Date: Mon, 19 Jul 1993 16:22:53 GMT  
From: lasker!bclouser@princeton.edu  
Subject: network time for PC's, KA9Q, WWV receivers  
To: packet-radio@ucsd.edu

To anyone,

We are working here at Princeton on a project to put low-cost seismometers in high schools. So far we have the seismometers, but accurate timing is still lacking. I have heard of obtaining accurate time over Internet, by syncing a local computer clock with a network standard, but this apparently exists only for Macs and UNIX systems. Am I wrong? If anyone knows of this timing technique being adapted for PC's (specifically we are using Radio Shack Tandy 2500 SX/33's), please let me know soon. Thank you.

It was suggested to me that I post this request to this group. Someone told me that someone on this group would know about the KA9Q package that would allow accurate network time for PC's. What is this KA9Q package, and where can I get it?

Also, we are also interested in receiving radio time signals to feed into an A-D board on our PC's. Does anyone know of a CHEAP receiver that can be either purchased or built that will receive WWV or a Canadian time signal? We have bought a short-wave receiver , but the cost is rather higher than we wanted for the

high schools project (\$120). Any information would be appreciated.

Thanks,

Bob Clouser

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Date: Mon, 19 Jul 1993 19:39:08 GMT  
From: pacbell.com!iggy.GW.Vitalink.COM!wetware!khijol!warrior!erc@network.ucsd.edu  
Subject: network time for PC's, KA9Q, WWV receivers  
To: packet-radio@ucsd.edu

Bob Clouser (bclouser@lasker.Princeton.EDU) wrote:

: To anyone,  
: We are working here at Princeton on a project to put low-cost seismometers in  
: high schools. So far we have the seismometers, but accurate timing is still  
: lacking. I have heard of obtaining accurate time over Internet, by syncing  
: a local computer clock with a network standard, but this apparently exists  
: only for Macs and UNIX systems. Am I wrong? If anyone knows of this timing  
: technique being adapted for PC's (specifically we are using Radio Shack Tandy  
: 2500 SX/33's), please let me know soon. Thank you.

There are several programs that will allow a PC's clock to be set via modem  
from the NIST time standard. It's quite accurate.

: It was suggested to me that I post this request to this group. Someone told me  
: that someone on this group would know about the KA9Q package that would allow  
: accurate network time for PC's. What is this KA9Q package, and where can I get  
it?

: Also, we are also interested in receiving radio time signals to feed into an  
: A-D board on our PC's. Does anyone know of a CHEAP receiver that can be either  
: purchased or built that will receive WWV or a Canadian time signal? We have  
bought  
: a short-wave receiver , but the cost is rather higher than we wanted for the  
: high schools project (\$120). Any information would be appreciated.

Heathkit used to put out a WWV receiver that had an RS232 output port on the  
back, so you could feed the output directly to your computer.

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Ed Carp                               erc@apple.com                   510/659-9560  
For anonymous mailers -->   anonymus+5300@charcoal.com  
"Disagreements are not meant to be challenges. They are just a different  
reality." -- Risa D'Angeles

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Date: 19 Jul 93 17:04:14 -0600  
From: swrinde!gatech!news-feed-1.peachnet.edu!umn.edu!doug.cae.wisc.edu!zazen!  
uwec.edu!tig!whitemp@network.ucsd.edu  
Subject: Packet on HT's  
To: packet-radio@ucsd.edu

To everyone who replied to me:  
THANKS!

Well, now all I have to do is pass the test on July 24, wait a bit  
(I'm sure I'll have my ticket faxed to me the same day :) ).  
                                  -mw-

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Date: 19 Jul 93 21:44:09 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Subscribe  
To: packet-radio@ucsd.edu

How can I get on distribution for the  
rec.radio.amateur.packet discussion?

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Date: 19 Jul 1993 14:46:08 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-  
state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.ucsd.edu  
Subject: What equipment to tune up a Ramsey 146?  
To: packet-radio@ucsd.edu

In article <22bk2p\$6ht@usenet.INS.CWRU.Edu> at626@cleveland.Freenet.Edu (Dave  
Strout) writes:

>  
>What kind of equipment is needed to build & tune a Ramsey 146? Basically,  
>is this a kit you can solder together and go, or do yuo need an  
>oscilliscope, freq meter, swr meter, etc to have it working right? I was

A RF signal generator with FM modulation that will go down to a fraction  
of a microvolt is very handy for peaking up the receiver.

This is assuming that all goes ok. If you have problems, like I did, you will definitely need Maalox or Roloids - your choice.

Almost everyone that has built these has had to tweak the coils - spread them out and so on. In addition, I had an incomplete kit that took two tries and 6 weeks to correct, bad crystals (wrong load pf), and blown first mixer (shipped without protective ring). It took quite a while to get it to put out 6w and have adequate receiver performance.

>thinking of building it and listening while I work on my license, then  
>using the xmit side. Good idea, or should I go commercial for a first rig?  
> Also, how does it work with packet?

The positives:

I learnt how to work with a 2m transceiver and get it to work.  
I learnt to find bad components: mixers and crystals.

The negative:

Cost. With enclosure it cost \$176 + shipping.  
Also consider the competition.  
You can buy a brand new Alinco DR1200 for \$225. (or a used one for \$175). It comes with display, zillions of channels, pl encode/decode, 25W and is much smaller. (DTMF Mic is extra - \$33).  
I think that \$100 with a case, mic and PL would be a fair price for the Ramsey. As it is, it does not include a mic, PL or DTMF. Plus it has to be built with somewhat cheesy components.

Take your pick and best of luck.

Rajiv

aa9ch

Address: r-dewan@nwu.edu

Phone: None on HF. Only CW.

Look for aa9ch/m on bottom end of 10m-80m.

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End of Packet-Radio Digest V93 #212

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